Transcript-Intro to Early Childhood Edible Plants
Lucy Bradley (she/her)

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00:00:01.680 --> 00:00:14.549
Hi my name is Lucy Bradley I'm an Extension Specialist in Urban and Consumer Horticulture at NC State, and I want to share with you a tool that we've developed that I think will be really helpful to you in selecting plants to put in your edible landscapes.

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00:00:17.010 --> 00:00:23.880
The address for the the toolbox is plants.ces.ncsu.edu.

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00:00:26.910 --> 00:00:35.280
And when you type that in this is the homepage that it brings you to. It's a large database that does a lot of different things, but primarily it's designed to help people select plants for a specific place; to help them identify a plant; and they also have a design gallery to look at plants in landscapes; and look at combinations of plants and how they work together.

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00:00:55.770 --> 00:01:10.770
So what I want to show you is how to select plants to work with Early child care centers or children. Go to the search box in the upper right corner and type "early child" and then that point it's popped up and giving you all of the things

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00:01:12.420 --> 00:01:26.190
that match that and what we want is this tag this is early childhood so we're going to click on that and it finds 46 different plants for us that are going to be good good choices. It list them automatically with the scientific name.

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00:01:27.630 --> 00:01:35.820
Each plant has one scientific name that matches that plant, so this is a very efficient way to look at it.

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00:01:36.300 --> 00:01:47.790
We also have plants listed by common name. So you see, we went up to 283 plants. What that means is there's 283 common names for those 46 plants that we have so there's there's multiple copies

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00:01:49.470 --> 00:02:02.400
listed here but it's easier to find a plant if you're used to using common names, you can find a plant really easily. Okay so we've limited our options to the the plants that are in the early childhood catagory

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00:02:03.780 --> 00:02:07.380
Then you come over here to the left side, and you can

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00:02:08.850 --> 00:02:22.770
enter more information to get plants that will do better on your site. You can identify how much light, you may have full sun which is great, most of the plants and our list will thrive in full sun, but some of them will also thrive in partial shade,

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00:02:26.190 --> 00:02:35.820
so they have full sun part of the day and then more than six hours a day, so if you have partial sunlight then be sure to select this box.

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00:02:36.360 --> 00:02:43.290
I'm going to leave it on full sun so we get the most different ones to work with as we're as we're practicing.

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00:02:44.220 --> 00:02:53.910
Okay, so you selected your light and then the next thing I mean you any of these you have information that are specific to your site, you can add information in on that.

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00:02:54.360 --> 00:03:02.370
encourage you to select your your region so in North Carolina we have coastal mountain and Piedmont I''m in the Piedmont so I'm going to click the Piedmont.

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00:03:02.940 --> 00:03:10.920
You can also or, instead, I guess, I should say, you could instead choose the USDA plant hardiness zone.
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00:03:12.780 --> 00:03:13.380
 So if you're not in North Carolina just use the USDA options.

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00:03:14.460 --> 00:03:22.410
And if you go to the help section it explains the USDA zones and helps you figure out what your zone is so you can do that if you'd like.

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00:03:23.010 --> 00:03:32.460
Alright, so now we have plants that are going to thrive in the amount of light that we have, that are going to thrive location that that we have, so we can come down, and identify what what type of plant we are looking for.

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00:03:33.300 --> 00:03:39.900
And maybe what you want, is just to grow some fruit trees, so you would come down here and click on tree.

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00:03:41.640 --> 00:03:47.970
 It pulls up trees for us to look at and you can choose either by going to an individual page and and looking at the record.

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00:03:49.170 --> 00:03:54.990
And realizing that there's interesting things about that plant that you want.

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00:03:55.470 --> 00:04:14.160
 For example, this pineapple guava has a fabulous flower that is delicious. The petals taste just like marshmallows. Kids love them so that might be a really fun thing to have an edible flower for your garden. But you can also use the the selector over here if you want to focus on more than just teaching people to grow food.

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00:04:15.600 --> 00:04:19.470
You want them to experience texture and

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00:04:21.930 --> 00:04:25.650
color and shape and size and so you can focus on the leaves.

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00:04:27.270 --> 00:04:32.940
I think I went to a rough leaf, so they can feel that that roughness and so that pulls up the fig tree

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00:04:33.660 --> 00:04:45.120
which has these lovely big leaves that are really fun, so you can have plant really small leaves and big leaves you can have it didn't all different shades of green leaves and sometimes other shades as well.

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00:04:46.500 --> 00:04:48.210
different shapes of leaves as well.

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00:04:49.320 --> 00:04:58.620
So that's one of the things that you can do with the Finder is you get the core things that matter, the most to you, and then, when you're still teasing it down, you can see what else you might want to do.

31
00:04:59.820 --> 00:05:00.330
So.

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00:05:01.800 --> 00:05:11.220
You can look at at trees, you could also look at this whole plant traits and we're selecting plant type that's where we got to trees, but if we select shrubs.

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00:05:15.270 --> 00:05:17.310
We can come in and

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00:05:19.050 --> 00:05:21.000
look at the shrubs that are available.

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00:05:22.620 --> 00:05:25.710
So maybe blackberry is something that you're interested in growing.

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00:05:27.720 --> 00:05:29.220
And the pictures

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00:05:30.690 --> 00:05:39.630

are neat little thumbnails but they also blow up in to much bigger images and you can use these images in a variety of ways with your with your kids and your parents.

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00:05:40.200 --> 00:05:47.850
The photographer's name and a creative commons license are listed there for you, so you can you can use them.

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00:05:50.070 --> 00:06:03.960
So the bulk of the plants that we have for you are actually vegetables, so if you come down to the whole plant type and select vegetables.

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00:06:07.680 --> 00:06:18.210
Then you've got lots of different vegetables, and you can tell which ones are this same plant with different common names, because you have the same array of images to look at.

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00:06:22.770 --> 00:06:28.230
lots and lots of great stuff to choose from. Okay, so that we have rough still check, so we want to take that off.

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00:06:31.920 --> 00:06:36.510
So when you go, you know we've got four four panels of vegetables so lets go look.

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00:06:42.660 --> 00:06:45.960
At the last one I want to show you tomatoes, because that's a really good example

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00:06:50.400 --> 00:06:56.490
of how you can get good information from from the sheet so there's there's lots of images.

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00:06:58.740 --> 00:07:03.060
To show you can you can have it pronounce the name for you.

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00:07:04.620 --> 00:07:09.570
And it also spells that out phonetically for for you if you want to use the botanical name.

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00:07:10.890 --> 00:07:16.590
There is information over here on the left side, so the first one is is what is this plant sometimes confused with.

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00:07:17.850 --> 00:07:24.480
And you know it has a potato over here, you might think how anybody anybody confuse those two and they might not confuse the potato

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00:07:25.080 --> 00:07:41.580
part that we eat with the tomato part that we eat, but the plants themselves are in the same family and they are very similar. Plants that fill a similar niche or are ones that share the same tags and this whole section down here is a big warning sign to you.

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00:07:43.320 --> 00:07:52.680
Common insect problems, so there is only one thing there, that's great, common disease problems lots and lots and lots of different diseases.

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00:07:54.000 --> 00:07:55.350
that tomatoes have.

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00:07:56.430 --> 00:08:09.690
When you click on that it'll take you to information about how to identify the disease and how to manage it so so you can come back to this, even after you've selected your plants and you you're growing them if you have problems come look here to see about

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00:08:11.910 --> 00:08:13.080
how to how to take care of that.

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00:08:14.190 --> 00:08:20.640
Many of the plant profiles have a video that's attached they're usually less than five minutes.

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00:08:24.660 --> 00:08:33.990
Ashley Troth: If you've ever tried to grow tomatoes at home I'm sure you've had the experience of watching those cute little plants that you put in at the beginning of the season turn into absolute monsters, by the end of the summer.

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00:08:35.280 --> 00:08:43.320
So you should come listen to to those and get more detailed information about any of the plants.

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00:08:46.380 --> 00:08:58.140
That is what I wanted to show you. How to navigate the site to find edibles for your garden, so you remember you came to the homepage you type in early childhood.

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00:09:03.780 --> 00:09:04.800
Early

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00:09:06.360 --> 00:09:07.170
childhood.

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00:09:08.280 --> 00:09:10.200
click on it, and then you can.

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00:09:11.250 --> 00:09:21.360
use these tools over on the left to narrow your field, or to get specific plants, for example, you know, one of the things you might want to do is look at resistance to challenges.

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00:09:21.990 --> 00:09:31.560
Man, I need some things that are going to be resistant to deer in my garden. So if you click on that you get 10 plants from our selected ones that are resistant to deer.

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00:09:33.330 --> 00:09:38.700
And you may not want to limit your garden to that you want to be sure that you have a lot of those in there, so the deer come and

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00:09:39.900 --> 00:09:43.440
take out other things you still have some stuff to share so.

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00:09:44.970 --> 00:09:55.500
there's lots of things that are resistant. You can also come in and have problems to exclude. So lots of information for you to use as your as you're selecting plants for your garden.

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00:09:56.550 --> 00:09:59.010
I hope it's helpful to you and I wish you luck with your garden.