

FAVA BEAN COMMUNITY SCIENCE PROJECT

www.favabeanresearch.com/communityscience

UNIQUE ID	GPS, CITY, OR HOME ADDRESS

FAVA BEAN DATA	FAVA BEAN VARIETY	
	Windsor	Vroma
Planting Date		
Sprouted Seeds After 30 Days		
Sprouted Seeds After 60 Days		
Flowering Date		
Nodule Number on One Fava Root		
First Pod Date		
Number of Pods		
Insect and Disease Notes		
Number of Harvested Pods		

ADDITIONAL NOTES

ABOUT THE PROJECT

Thank you for taking part in the project! The Fava Bean Research community is a collaborative program that promotes healthy food and soils using fava bean. Our program relies on community scientists throughout California, Oregon, and Nevada to determine the optimal planting date for the Vroma and Windsor fava bean varieties. We're asking you, our community science partner, to grow these fava bean plants in your backyard, a community garden, or in a container and record a few notes from planting until harvest. The website has helpful videos that will further explain how to plant your seeds, collect fava bean data, and cook fava bean.

FAVA BEAN DATA

PLANTING DATE – Record the date that you plant your seeds.

SPROUTED SEEDS AFTER 30 DAYS – Each seed packet contains six seeds of each variety (Windsor and Vroma) for you to plant. Count the number of seeds that have sprouted 30 days after planting.

SPROUTED SEEDS AFTER 60 DAYS – Each seed packet contains six seeds of each variety (Windsor and Vroma) for you to plant. Count the number of seeds that have sprouted 60 days after planting.

FLOWERING DATE - Record the date that the flowers first open on your Vroma and Windsor fava bean varieties.

NODULE NUMBER ON ONE FAVA BEAN ROOT – Fava bean, like other legumes, forms a mutually beneficial relation with microorganisms in the soil to fix nitrogen fertilizer from the atmosphere. This relationship results in the formation of nodules on the roots (**see picture**). Dig up one of your Vroma and one of your Windsor plants, gently wash the roots, and count the number of nodules on each variety. If you notice a lot of nodules on the root then the plant is fixing a lot of nitrogen fertilizer for the fava bean plant. This fertilizer will also carry over to your summer crop!



FIRST POD DATE – Record the date that pods begin to form on your Vroma and Windsor fava bean varieties.

INSECT AND DISEASE NOTES – Did you notice any insects eating your plants or any diseases on the leaf? Were the insects or diseases more severe in the Vroma or in the Windsor variety? Briefly note your observations in the form.

NUMBER OF HARVESTED PODS – Record the number of pods that you harvest from the Vroma and the Windsor fava bean plants.

ADDITIONAL NOTES – Share any additional observations here. For example, did one variety produce larger beans? Did you notice a lot of pollinator insects? Share whatever you'd like!