



Crop production

fruit
CARE

FRUITCARE

Development of PPP substitution strategies for stone fruit,
soft fruit and table grapes

Beneficiary members

- Asociación de Agricultores y Empresas Agrarias (ADEA ASAJA Murcia)
- ZERYA Producciones sin residuos S.L.
- Investigación y Desarrollo Agroalimentario (IDEAGRO)
- Agrupación de Cooperativas Agrarias de Extremadura (ACOPAEX)
- Escuela de Negocios del Pirineo (ESNEPI)
- Taray SAT La Redondela
- Universidad de Zaragoza (UNIZAR)
- Fundación Parque Científico Tecnológico Aula Dei (PCTAD)

Subcontracted members

- Galifrut SAT 313 CV

58

CALL 2019

THEMATIC AREA: Crop production / **SUBSECTOR:** Fruit trees

AUTONOMOUS COMMUNITIES EXECUTION: Andalusia, Aragon, Extremadura, Region of Murcia, Valencian Community

GRANT AWARDED: € 599.636,03

PROJECT OPERATING PERIOD: January 2020-July 2021

MORE INFORMATION:

Website: <https://fruitcare.eu>

Mail representative OG: agalvez@asajamurcia.com

FRUITCARE supports the development of pre- and post-harvest strategies for certain candidate active ingredients for substitution in stone fruit, soft fruit and table grapes.

PROJECT OBJECTIVES	OBTAINED RESULTS
Assess the economic, environmental, and productive impact of the disappearance of various active substances and select the most problematic according to their impact.	Contribution of objective data to the 'Comparative risk-benefit assessment of each active substance' (to be carried out by each Member State for EFSA).
Design the most appropriate pre-harvest substitution strategies considering their environmental impact, mode of application and versatility and evaluate the effectiveness of different post-harvest treatments or technologies as alternatives to the use of defined active substances.	Development of different substitution protocols with new agronomic strategies and innovative post-harvest technologies to reduce the use of pesticides and extend the useful life of the product.
Study of the socioeconomic and environmental impact of the active substances on the soil, the water cycle and the commercial quality of the fruit, and evaluation of the same impact after application of the new substitution strategies selected. Establish a strategy for dissemination and exponential growth of farms with substitution programmes in place.	Calculation of socioeconomic and environmental impacts before and after application of the substitution protocol, including analyses of production costs, biodiversity indicators, input consumption, productivity, and fruit quality. Dissemination and promotion of the various substitution protocols developed and training for the sector.

