



APSA
THE ASIA & PACIFIC
SEED ASSOCIATION



World Vegetable Center

Vegetable Breeding Consortium

Your Research Partner for Success

APSA members with an interest in **plant breeding for the development of improved vegetable varieties** can now tap the knowledge and expertise of an internationally renowned leader in crop research by joining the **APSA/WorldVeg Vegetable Breeding Consortium**.

The **World Vegetable Center (WorldVeg)**, a non-profit agricultural research and development institute, aims to alleviate poverty and malnutrition in the developing world through increased production and consumption of nutritious, health-promoting vegetables. WorldVeg carries out its mission by forming research partnerships with government, non-governmental, and private sector organizations in developing and developed countries to **conserve and utilize vegetable biodiversity, improve vegetable varieties, and increase vegetable production, marketing and consumption**.



WHY create a consortium?

As advances in biotechnology and genomics accelerate the pace of vegetable cultivar development, seed companies of all sizes must have a robust understanding of the **latest vegetable breeding research**, the practical skills to **apply new breeding methods**, and access to a **diverse collection of vegetable germplasm** to remain competitive in turbulent markets.

Through the **APSA/WorldVeg Vegetable Breeding Consortium**, participating companies and WorldVeg researchers will have multiple opportunities to discuss and evaluate breeding approaches and discover new avenues to share data and progress. The Consortium will initially focus on tomato, pepper and cucurbits, but could broaden its scope to other crops later.

BENEFITS for consortium companies

Annual Workshop at the World Vegetable Center

Come to the source! At the **Annual Workshop**—an event held exclusively for consortium companies—WorldVeg researchers will demonstrate new outputs of the Center's vegetable improvement program and discuss results obtained by consortium members who test WorldVeg breeding lines at their field sites using WorldVeg experimental protocols.

During the workshop, consortium members can:

- actively participate in scientific presentations about ongoing WorldVeg research
- review selected field trials of improved breeding material, subject to weather and field conditions

Each workshop will last two consecutive days and be held at WorldVeg headquarters in Taiwan or the WorldVeg Regional Center for East and Southeast Asia/Oceania in Thailand. Location, dates, and format of workshops will be decided annually by WorldVeg in consultation with consortium members.

WorldVeg will offer **free workshop participation** to one representative from each consortium company (includes lodging, meals, transportation within Taiwan/Thailand, workshop materials and coffee breaks). All workshop participants must cover their transportation costs to reach the workshop vicinity (Kaohsiung International Airport, Kaohsiung, Taiwan; Suvarnabhumi or Don Mueang International Airports, Bangkok, Thailand).

Early access to trials and information

Preliminary yield trials (PYT) are an advanced testing stage from which WorldVeg selects entries for public distribution through an on-line seed catalog.

Consortium companies will be able to view a broad array of PYT entries in the field at least six months before the material is made public. Participants will have the opportunity to hold discussions in groups or by appointment with WorldVeg scientists during, the day before, or the day after workshops. Participants may have early access to screening protocols or other kinds of scientific information developed at WorldVeg, provided the sharing of such information does not conflict with existing agreements or policies of WorldVeg.





Updates

WorldVeg will e-mail news and information of potential interest to consortium companies at least one other time (in addition to the workshop) every calendar year. Expect exposure to new relevant literature about germplasm screening, breeding methods, and WorldVeg breeding lines. You'll also receive a copy of the Center's *Annual Report*.

Seed

Consortium companies can request ten free seed acquisitions per year from WorldVeg, subject to seed availability and phytosanitary clearance of requested accessions/lines.

Training

Staff from consortium companies receive preferential access and a 20% discount on tuition for WorldVeg-offered training. This benefit extends to all employees of a consortium company.

It's a partnership

The APSA/WorldVeg Vegetable Breeding Consortium is a partnership for the exchange of information to benefit all members. Consortium members are expected to provide:

- **Regular feedback from evaluation trials of improved breeding lines.** WorldVeg scientists will specify the traits to be monitored and provide experimental protocols.
- **Feedback on trait development** that consortium companies would like WorldVeg breeding programs to pursue. This information will be gathered through a survey questionnaire developed by WorldVeg and distributed to consortium companies, and through discussions at the annual workshops.
- **Data on annual seed sales** (in metric tons per variety per year) and information on which traits from WorldVeg were used for each variety. It is understood that for some traits it is possible to say they came from WorldVeg, while for other traits more than one source may have been used, which can then be indicated.

Join the APSA/WorldVeg Consortium!

Ready to take your company to the next level? Join the **APSA/WorldVeg Vegetable Breeding Consortium** and discover how exposure to the latest research and closer contact with international breeders and scientists will change the way you do breeding and business.

Fees

- Large companies (more than 100 employees): US\$6900.00 per annum
- Small companies (less than 100 employees): US\$2900.00 per annum

Consortium fees are non-refundable. The Consortium term is January 1 to December 31.

Consortium membership is open to all APSA members in good standing.



To join, please contact the APSA Secretariat:

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