**SoyVein500 Dataset User Agreement**

Before we are able to provide you with access to the SoyVein500 database (the "Database"), please fill out the following form and sign to agree to the terms of use. After approval, you (the "Researcher") will receive permission to use the Database provided by Nanjing University Of Finance & Economics. By agreeing to these terms, the Researcher joins the SoyVein500 community under the following conditions:

**User Agreement Form**

|  |  |
| --- | --- |
| Name |  |
| Lab/Department/Affiliation |  |
| Email: |  |
| Principal Investigator/Advisor's Name |  |
| Principal Investigator/Advisor's Email |  |
| Research purpose/project description |  |

(Database Provider: Nanjing University Of Finance & Economics, Department of Computer Science and Technology, Media Computing Research Office)

**I. Terms and Conditions**

1.1 The Researcher shall use the Database only for non-commercial research and educational purposes.

1.2 Nanjing University Of Finance & Economics and its contributors make no representations or warranties regarding the Database, including but not limited to warranties of non-infringement or fitness for a particular purpose.

1.3 The Researcher accepts full responsibility for their use of the Database and shall defend and indemnify Nanjing University Of Finance & Economics and its contributors against any claims arising from the Researcher's use of the Database, including the use of any copies of copyrighted images created from the Database.

1.4 The Researcher may share access to the Database with research associates and colleagues, provided they agree to be bound by these terms and conditions.

1.5 Nanjing University Of Finance & Economics reserves the right to terminate the Researcher's access to the Database at any time.

1.6 If the Researcher is employed by a for-profit entity, the employer shall also be bound by these terms, and the Researcher represents that they are authorized to enter into this agreement on behalf of their employer.

1.7 The law of China or the law of the contributors’ states of incorporation shall govern all disputes under this agreement.

**II. Content of Authorized Data**

2.1 The authorized data includes leaf images of soybean.

2.2 The dataset includes annotations for three levels of leaf veins leaves.

2.3 Number of data samples: 500.

**III. Scope of Data Use**

3.1 The Researcher may use the data for academic research and publication in academic papers.

3.2 The Researcher may develop non-commercial products using the data, provided the data remains read-only and not subject to replication or dissemination.

3.3 All published research results must acknowledge the SoyVein500 dataset as the data source.

3.4 Third-party academic institutions must apply for access and obtain written consent from the Database Provider.

3.5 The authorization period is from December 10, 2023, to December 10, 2027, after which renewal requires reapplication.

**IV. Security Principles**

4.1 The Researcher must implement security measures to prevent data leakage.

4.2 The Researcher shall not use the data beyond the authorized scope.

4.3 The Researcher must destroy all data copies upon the expiration or termination of the agreement.

4.4 Products using this data must include this authorization agreement.

4.5 The data and related products are prohibited from being sold or provided to third-party commercial organizations.

**V. Liability Clauses**

5.1 Violation of this agreement entitles the Database Provider to terminate the agreement and seek compensation.

5.2 Disputes should be resolved through negotiation; failing that, they may be submitted to the court where the Database Provider is located.

**VI. Citation Requirement**

If you use the SoyVein500 dataset, please cite our work:

@article{wang2020species,

title={From species to cultivar: Soybean cultivar recognition using joint leaf image patterns by multiscale sliding chord matching},

author={Wang, Bin and Gao, Yongsheng and Yuan, Xiaohui and Xiong, Shengwu and Feng, Xianzhong},

journal={Biosystems engineering},

volume={194},

pages={99--111},

year={2020},

publisher={Elsevier}

}

@inproceedings{cai2024lv,

title={LV-SEGFORMER: Towards More Accurate Leaf-Vein Segmentation with Transformer},

author={Cai, Wanqiang and Wang, Bin},

booktitle={ICASSP 2024-2024 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)},

pages={4370--4374},

year={2024},

organization={IEEE}

}

**VII. Signature**

I, the undersigned Researcher, acknowledge that I have read and understood the obligations stipulated in the ' SoyVein500 Dataset User Agreement' and agree to be bound by these terms. I agree that the Database Provider may terminate my access to the data at any time.

|  |
| --- |
| **Signature:** |
| **Date:** |